

Former Cytec Industries Site

Carteret Borough, Middlesex County

July 2012

Site Background

The former Cytec Industries site is located on Driftway Street in Carteret, Middlesex County. The site consists of six impoundments containing a mixture of sludges generated by manufacturing processes at the American Cyanamid facility across the Rahway River in Linden. The impoundments cover 85 acres of the 125-acre property. In September 2002, the New Jersey Department of Environmental Protection (DEP) issued a restricted Use No Further Action (NFA) determination for the site after Cytec Industries capped the impoundments with soil and recorded a deed restriction for the property.

In 2010, Rahway Arch Properties, LLC acquired the property and hired a Licensed Site Remediation Professional (LSRP) to conduct an investigation to ensure the existing remedy was still protective of public health and the environment. Based on a site inspection and data obtained from soil and sediment analyses, the LSRP concluded the remedy was no longer protective and notified DEP. Of primary concern are sludges that are exposed at the soil surface in some areas, and an impoundment adjacent to the river that is routinely subject to flooding during high tides. DEP reviewed the investigation report, conducted a site inspection, and concurred with the conclusions.

Current Status

Based on the information obtained during the initial investigation, Rahway Arch and its LSRP have developed a preliminary strategy to improve the existing remedy. Their strategy includes importing and processing soil with the same characteristics as the original capping material and blending it with amendments to create an impermeable and durable cap. The cap will be graded to divert rainwater and eliminate the migration of contaminants to ground water and surface water. This process will be managed by Soil Safe, Inc. and will require a Class B recycling permit. The facility will only import the amount of soil needed to properly cap the impoundments and will only operate at this location until the remedy is complete, which is estimated to be five years. This preliminary strategy is based only on the information obtained during the initial investigation. The plan may be modified as the full investigation proceeds and new information becomes available.

As the current owner, Rahway Arch is responsible for conducting the full site investigation and implementing the necessary measures to correct any deficiencies and ensure the remedy is protective. All actions to correct these issues will be funded by the property owner; no public funds have been or will be used.

Future

After the remedy is completed, by regulation, the LSRP must obtain a remedial action permit that will require biennial inspections of the cap to ensure it remains protective. The Response Action Outcome issued by the LSRP must address the soil, surface water and ground water. A 25-acre portion of the capped impoundments will be developed as a parking lot to support the adjacent warehouse facility, and the 40 acres of wetlands surrounding the impoundments will remain as wetlands and habitat.

For more information,
please contact:

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